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CURRENT PREVALENCE OF COMMUNICABLE DISEASES IN THE UNITED STATES¹

October 9–November 5, 1932

The prevalence of certain important communicable diseases, as indicated by weekly telegraphic reports from State health departments to the United States Public Health Service, is summarized in this report. The underlying statistical data are published weekly in the PUBLIC HEALTH REPORTS, under the section entitled "Prevalence of Disease."

Diphtheria.—The expected seasonal increase of diphtheria continued through the current 4-week period. The number of reported cases (7,685) was, however, only 78 per cent of the number reported for the corresponding period in 1931, and 85 per cent of the number in 1929. For this period in 1930—a more nearly normal year—the number of cases totaled 6,461. Each geographic area reported a lower incidence than was reported for the corresponding period last year. The decreases ranged from 3 per cent in the West North Central to 29 per cent in the Mountain and Pacific areas combined.

Poliomyelitis.—For the country as a whole the incidence of poliomyelitis dropped more than 50 per cent during the current 4-week period as compared with the preceding four weeks. The number of cases (447) was only 25 per cent of the number reported for the corresponding period last year and 22 per cent of the number in 1930. For this period in 1929 the number of cases totaled 459.

A study of geographic areas shows that in the Middle Atlantic States, where the outbreak first occurred, the incidence has dropped to almost a normal level. In all other areas, except the Pacific, where there has been no rise above the usual seasonal increase, the peak seems to have been passed and the general tendency was downward. In the Pacific States, while the number of cases was not high (40), it was the highest reported for any 4-week period for the current year.

¹ From the Office of Statistical Investigations, U. S. Public Health Service. The numbers of States included for the various diseases are as follows: Typhoid fever, 47; poliomyelitis, 48; meningococcus meningitis, 48; smallpox, 48; measles, 45; diphtheria, 47; scarlet fever, 47; influenza, 39 States and New York City. The District of Columbia is counted as a State in these reports.

Measles.—Reports indicated a normal seasonal increase in the incidence of measles during the current 4-week period. The disease seemed to be most prevalent in the States along the Atlantic coast and in the Great Lakes regions. Montana, in the Mountain area, reported a slight outbreak. There the number of reported cases rose from 204 for the preceding 4-week period to 436 for the current period. Other States in that area as well as States in the Pacific area reported little change from the preceding period. For the country as a whole, the number of cases for the current period was 4,452, as against 4,244, 3,930, and 5,573 for the corresponding period in the years 1931, 1930, and 1929, respectively.

Scarlet fever.—The number of cases of scarlet fever increased from 8,293 for the preceding 4-week period to 13,491 for the four weeks ended November 5. Compared with previous years the incidence in the whole reporting area was the highest for this period in four years. Each geographic area, except the Mountain and Pacific areas, showed very significant increases over the corresponding period in the three preceding years. In the Mountain and Pacific areas the number of cases closely approximated the average for preceding years.

Meningococcus meningitis.—The prevalence of meningococcus meningitis remained at about the same low level for the current period that it has maintained during the year. The number of cases (146) was only about 65 per cent of last year's figure for the same period and was less than one-half the figures for 1930 and 1929. In each geographic area the incidence was the lowest in recent years.

Smallpox.—The rise in smallpox incidence during the current period was considerably below the normal seasonal increase. The number of reported cases (184) was only 30 per cent of the incidence during the same period last year, less than one-fourth the number reported for the corresponding period in 1930 and one-tenth the number in 1929. Each geographic area has shared in the favorable situation which has prevailed throughout the current year.

Typhoid fever.—A gradual decline in the number of cases of typhoid fever continued, and for the four weeks ended November 5 there were 2,117 cases reported—approximately 1,500 less than occurred during the preceding 4-week period. The decline was very general. For the country as a whole a lower incidence was indicated than for the same period in any of the three preceding years.

Influenza.—The number of cases of influenza rose from 2,707 during the four weeks ended October 8 to 4,939 for the current 4-week period. Geographic areas showing increases were widely scattered. In the East North Central area 509 cases were reported as against 195 for the preceding period, in the South Atlantic 1,636 cases were reported as against 1,023 for the preceding period, in the Mountain

464 as against 43 for the preceding period, and in the Pacific 1,363 as against 905. Compared with previous years the incidence was the highest for this period in recent years. Each geographic area, except the West North Central, reported an excess in incidence over the same period last year.

Mortality, all causes.—The death rate from all causes in large cities, as reported by the Bureau of the Census, showed a slight rise during the current period over the preceding 4-week period, but it was the lowest for a corresponding period in seven years. The rate for the current period was 10.3, as against 10.6, 11.3, and 11.7 for the years 1931, 1930, and 1929, respectively.

SICKNESS AMONG MALE INDUSTRIAL EMPLOYEES DURING THE SECOND QUARTER OF 1932¹

By DEAN K. BRUNDAGE, *Statistician, Office of Industrial Hygiene and Sanitation, United States Public Health Service*

The frequency of sickness causing disability for eight consecutive calendar days or longer among the male members of industrial sick-benefit associations reporting to the United States Public Health Service was slightly higher in the second quarter of 1932 than during the like period of last year, but lower than the rate recorded for the same months of 1929 and 1930. The lower incidence level of illness (including nonindustrial injuries) in the second quarter of 1931 and 1932 than in the same period of the two earlier years is evidenced by the average rate of 91.0 cases per 1,000 males, as compared with 100.3 in the April to July period of 1929 and 1930. The decrease in sickness frequency which has characterized the record from 1929 to 1931 may be regarded as well maintained during the second quarter of 1932.

TABLE 1.—*Frequency of disability lasting eight calendar days or longer in the second quarter of 1932 compared with the same quarter of 1931, 1930, and 1929 (male morbidity experience of 29 industrial establishments which reported their cases to the United States Public Health Service during all four years)*^a

Diseases and disease groups which caused disability. (Numbers in parentheses are disease title numbers from the International List of the Causes of Death, Fourth Revision, Paris, 1929)	Annual number of disabilities per 1,000 men in second quarter of—			
	1932	1931	1930	1929
Sickness and nonindustrial injuries ^b	92.3	89.6	96.1	104.4
Nonindustrial injuries.....	12.3	12.2	11.8	11.7
Sickness ^b	80.0	77.4	84.3	92.7
Respiratory diseases.....	28.1	26.7	32.1	35.6
Influenza and grip (11).....	13.1	10.6	12.3	12.2
Bronchitis—acute and chronic (106).....	3.2	3.0	4.1	4.8
Pneumonia—all forms (107-109).....	1.7	2.1	2.4	3.2
Diseases of the pharynx and tonsils (115a).....	5.3	6.1	7.0	8.6
Tuberculosis of the respiratory system (23).....	.8	1.2	1.7	1.4
Other respiratory diseases (104, 105, 110-114).....	4.0	3.7	4.6	5.4

^a Except that the rates for 1930 and 1929 cover 27 and 23 companies, respectively, instead of 29 in 1931 and 1932. The rates for the corresponding period of preceding years differ somewhat from those shown in earlier publications, because data for additional groups have become available in the meantime.

^b Exclusive of disability from venereal diseases.

¹ The report for the first quarter was published in PUBLIC HEALTH REPORTS for July 15, 1932.

TABLE 1.—*Frequency of disability lasting eight calendar days or longer in the second quarter of 1932 compared with the same quarter of 1931, 1930, and 1929 (male morbidity experience of 29 industrial establishments which reported their cases to the United States Public Health Service during all four years)*—Continued

Diseases and disease groups which caused disability. (Numbers in parentheses are disease title numbers from the International List of the Causes of Death, Fourth Revision, Paris, 1929)	Annual number of disabilities per 1,000 men in second quarter of—			
	1932	1931	1930	1929
Nonrespiratory diseases.....	51.9	50.7	52.2	57.1
Diseases of the stomach—cancer excepted (117, 118).....	4.4	3.8	4.6	5.2
Diarrhea and enteritis (120).....	7	.9	1.3	1.4
Appendicitis (121).....	4.0	3.5	4.9	5.8
Hernia (122a).....	1.4	2.0	1.4	2.2
Other digestive diseases (115b, 116, 122b-129).....	3.0	3.1	3.0	3.3
Rheumatic group, total.....	12.8	10.9	11.7	12.4
Rheumatism—acute and chronic (56-58).....	6.4	6.1	6.1	6.6
Diseases of the organs of locomotion (156b).....	3.6	3.3	3.6	3.5
Neuralgia, neuritis, and sciatica (87a).....	2.8	1.5	-2.0	2.3
Neurasthenia and the like (part of 87b).....	1.3	1.8	1.3	1.5
Other diseases of the nervous system (78-85, part of 87b).....	1.4	1.6	.9	1.1
Diseases of the heart and arteries and nephritis (90-96, 102, 130-132).....	4.9	4.2	3.8	4.2
Other genito-urinary diseases (133-138).....	2.5	2.5	2.4	2.3
Diseases of the skin (151-153).....	2.7	3.3	3.9	4.4
Epidemic and endemic diseases except influenza (1-10, 12-18, 33, 37, 38, part of 39 and 44).....	2.9	2.7	3.4	3.1
Ill-defined and unknown causes (200).....	1.6	1.9	2.1	2.3
All other diseases (19-22, 24-32, 36, part of 39 and 44, 40-43, 45-55, 59-77, 88, 89, 100, 101, 103, 154-156a, 157, 162).....	8.3	8.5	7.5	8.4
Average number of males covered in the record.....	134,414	153,580	165,791	164,108
Number of companies included.....	29	29	27	23

For respiratory diseases as a whole the rate during the recent quarter-year was slightly higher than in the second three months of 1931 on account of an increase in the number of cases reported as influenza. In fact, the influenza rate was higher in the second quarter of 1932 than during the like period of any of the preceding three years. Attesting the mildness of these cases, the incidence of pneumonia fell to the lowest level hitherto recorded for the second quarter. The frequency of new cases of tuberculosis of the respiratory system was also exceptionally low. Likewise, gratifying decreases in the rate of death from tuberculosis and from pneumonia among the industrial population of the United States and Canada are reported by the Metropolitan Life Insurance Company.³ When the rates for bronchitis (acute and chronic), diseases of the pharynx and tonsils, and for the miscellaneous respiratory diseases included in the category "Other respiratory diseases" are added together, one finds that the total, which might well be regarded as representative of the minor respiratory diseases, was lower in the second quarter of 1932 than during the same period of any one of the three preceding years.

The rate for nonrespiratory diseases as a whole, like that for the respiratory group, was slightly higher in the recent period under review than in the corresponding months of 1931. As compared with that part of 1929 and 1930, which is under consideration, the fre-

³ Cf. "Record Health Rate—First Half of 1932." Statistical Bulletin, Metropolitan Life Insurance Co., vol. 13, No. 7, July, 1932.

quency of claims for illness benefits on account of diseases of the digestive system was lower in 1931 and 1932, the average rate for the second quarter of the latter years being 13.4 cases per 1,000 men as against 16.3 during the second three months of 1929 and 1930. Each of the digestive disease categories shown in the accompanying table participated in the decline with the exception of hernia. A marked decrease occurred in the incidence of diseases of the skin, thus continuing the favorable trend for this group noted in the statistics for 1931 and for the first quarter of 1932.

On the unfavorable side the recent quarter reveals a higher incidence for the rheumatic group and for the "degenerative" diseases (diseases of the heart and arteries, and genito-urinary diseases) than was recorded even in the 1929 period. It is possible, however, that these increases may reflect a shift in the age distribution of the insured, as certain employment records show a larger proportion of younger than of older men dismissed when economic conditions require radical curtailment of working forces.

As pointed out in previous communications, the reporting establishments are scattered all over the United States, with a preponderance of companies located north of the Ohio and Potomac Rivers and east of the Mississippi. Identical companies reported in 1931 and 1932, and in 1929 and 1930 the group was almost the same. The records covered about 134,000 men in the second quarter of 1932, about 154,000 in the same months of 1931, and approximately 165,000 men in 1929 and 1930. Only employed persons are included; no information is available concerning the health of the unemployed. However, without doubt a large number of the men included were employed only part of the time.

COURT DECISION RELATING TO PUBLIC HEALTH

Statutory prohibition against a garbage reduction plant held not to include a garbage incineration plant.—(Maryland Court of Appeals; *Stoll et al. v. Mayor and City Council of Baltimore et al.*, 162 A. 267; decided Oct. 6, 1932.) A State law prohibited the establishment of a garbage reduction plant within a certain specified area. One of the questions presented in the case at bar was whether this statute prohibited the establishment of a garbage incineration plant. The court of appeals decided that it did not, taking the view that the distinction was that a reduction plant conveyed the idea "of so handling a substance as to change its form, usually reduce its volume, and extract something of value from it," while an incinerating plant conveyed a distinct impression that the substance would be consumed and destroyed.

DEATHS DURING WEEK ENDED NOVEMBER 5, 1932

[From the Weekly Health Index, issued by the Bureau of the Census, Department of Commerce]

	Week ended Nov. 5, 1932	Correspond- ing week, 1931
Data from 85 large cities of the United States:		
Total deaths.....	7, 220	7, 361
Deaths per 1,000 population, annual basis.....	10.3	10.7
Deaths under 1 year of age.....	525	591
Deaths under 1 year of age per 1,000 estimated live births ¹	44	49
Deaths per 1,000 population, annual basis, first 44 weeks of year.....	11.0	11.8
Data from industrial insurance companies:		
Policies in force.....	70, 018, 127	74, 329, 360
Number of death claims.....	11, 733	11, 783
Death claims per 1,000 policies in force, annual rate.....	8.8	8.3
Death claims per 1,000 policies, first 44 weeks of year, annual rate.....	9.5	9.7

¹ 1932, 81 cities; 1931, 77 cities.

PREVALENCE OF DISEASE

No health department, State or local, can effectively prevent or control disease without knowledge of when, where, and under what conditions cases are occurring

UNITED STATES

CURRENT WEEKLY STATE REPORTS

These reports are preliminary, and the figures are subject to change when later returns are received by the State health officers

Reports for Weeks Ended November 12, 1932, and November 14, 1931

Cases of certain communicable diseases reported by telegraph by State health officers for weeks ended November 12, 1932, and November 14, 1931

Division and State	Diphtheria		Influenza		Measles		Meningococcus meningitis	
	Week ended Nov. 12, 1932	Week ended Nov. 14, 1931	Week ended Nov. 12, 1932	Week ended Nov. 14, 1931	Week ended Nov. 12, 1932	Week ended Nov. 14, 1931	Week ended Nov. 12, 1932	Week ended Nov. 14, 1931
New England States:								
Maine.....		3				127	0	0
New Hampshire.....		4			1	4	0	0
Vermont.....	4	17				21	0	0
Massachusetts.....	33	66	3	5	44	72	4	1
Rhode Island.....	5	8			1	165	0	0
Connecticut.....	5	6		3	10	26	0	0
Middle Atlantic States:								
New York.....	57	102	15	17	239	175	4	11
New Jersey.....	16	35	6	15	91	22	2	3
Pennsylvania.....	121	132			171	250	1	4
East North Central States:								
Ohio.....	119	210	93	27	114	24	3	1
Indiana.....	88	80	58	6	9	27	4	2
Illinois.....	108	140	21	5	48	111	6	4
Michigan.....	12	34	17		149	230	3	2
Wisconsin.....	9	28	28	20	136	21	1	0
West North Central States:								
Minnesota.....	14	18		1	64	17	1	1
Iowa.....	19	30			2	4	0	3
Missouri.....	93	95		319	18		1	3
North Dakota.....		1			157		0	1
South Dakota.....	1	8		1		80	0	0
Nebraska.....	33	26			1	10	1	0
Kansas.....	26	68	2		1	25	1	1
South Atlantic States:								
Delaware.....	2	42					0	0
Maryland.....	16	69	3	12	3	5	0	1
District of Columbia.....	8	6	2				0	2
Virginia.....	57				43		1	
West Virginia.....	39	64	5	1	33	127	0	1
North Carolina.....	67	147	6	31	58	15	0	4
South Carolina.....	34	46	415	361	28	4	0	0
Georgia.....	82	52		35		7	0	0
Florida.....	16	21	1	1	2	23	0	0
East South Central States:								
Kentucky.....	36	162	14		4		0	0
Tennessee.....	59	143	39	37	1	4	2	1
Alabama.....	70	74	38	23	6		2	5
Mississippi.....	33	96					1	1

See footnotes at end of table.

Cases of certain communicable diseases reported by telegraph by State health officers for weeks ended November 12, 1932, and November 14, 1931—Continued

Division and State	Diphtheria		Influenza		Measles		Meningococcus meningitis	
	Week ended Nov. 12, 1932	Week ended Nov. 14, 1931	Week ended Nov. 12, 1932	Week ended Nov. 14, 1931	Week ended Nov. 12, 1932	Week ended Nov. 14, 1931	Week ended Nov. 12, 1932	Week ended Nov. 14, 1931
West South Central States:								
Arkansas.....	18	74	27	1	1	13	0	0
Louisiana.....	29	55	16	11	8	1	0	5
Oklahoma.....	96	135	22	18	1	5	0	0
Texas.....	249	82	106	6	6	6	0	2
Mountain States:								
Montana.....			6	2	85	54	0	0
Idaho.....	5	6				1	0	2
Wyoming.....						2	0	0
Colorado.....	4	9				6	0	1
New Mexico.....	25	20	38				10	1
Arizona.....	3	30	156	3	2	3	1	2
Utah.....			26	4	1	1	0	0
Pacific States:								
Washington.....	6	11	3		10	26	0	2
Oregon.....	2		64	34	58	7	0	0
California.....	111	132	478	42	40	104	2	5
Total.....	1,830	2,597	1,708	1,032	1,646	1,825	51	72

Division and State	Poliomyelitis		Scarlet fever		Smallpox		Typhoid fever	
	Week ended Nov. 12, 1932	Week ended Nov. 14, 1931	Week ended Nov. 12, 1932	Week ended Nov. 14, 1931	Week ended Nov. 12, 1932	Week ended Nov. 14, 1931	Week ended Nov. 12, 1932	Week ended Nov. 14, 1931
New England States:								
Maine.....	1	8	13	31	0	0	1	5
New Hampshire.....	0	0	18	7	0	0	0	0
Vermont.....	0	0	4	14	0	0	0	0
Massachusetts.....	2	11	215	218	0	0	4	3
Rhode Island.....	0	1	20	14	0	0	1	0
Connecticut.....	0	9	50	35	0	0	1	4
Middle Atlantic States:								
New York.....	4	52	357	390	0	11	8	21
New Jersey.....	2	14	107	121	0	0	8	6
Pennsylvania.....	9	15	433	401	0	0	24	64
East North Central States:								
Ohio.....	3	9	543	586	39	6	19	53
Indiana.....	0	0	152	89	0	6	10	10
Illinois.....	6	27	341	315	2	6	14	21
Michigan.....	1	12	207	157	0	23	22	14
Wisconsin.....	1	10	71	61	1	10	1	4
West North Central States:								
Minnesota.....	1	27	61	51	0	1	1	4
Iowa.....	1	9	36	60	4	21	2	6
Missouri.....	1	0	133	92	0	3	3	19
North Dakota.....	0	0	1	16	0	29	0	8
South Dakota.....	0	4	4	21	0	2	1	3
Nebraska.....	2	2	32	33	1	3	1	0
Kansas.....	1	1	93	84	3	3	4	5
South Atlantic States:								
Delaware.....	0	0	2	9	0	0	2	1
Maryland.....	1	1	61	103	0	0	11	30
District of Columbia.....	1	0	18	21	0	0	0	2
Virginia.....	0		91		1		13	
West Virginia.....	1	1	73	59	0	1	19	37
North Carolina.....	0	1	73	167	0	0	3	19
South Carolina.....	1	3	13	26	0	0	15	6
Georgia.....	0	0	23	37	0	0	10	18
Florida.....	0	1	5	5	0	0	5	7
East South Central States:								
Kentucky.....	1	3	63	104	1	2	6	49
Tennessee.....	1	1	63	93	6	4	9	37
Alabama.....	1	2	48	70	1	1	8	28
Mississippi.....	0	1	31	51	2	2	8	10

See footnotes at end of table.

Cases of certain communicable diseases reported by telegraph by State health officers for weeks ended November 12, 1932, and November 14, 1931—Continued

Division and State	Pollomyelitis		Scarlet fever		Smallpox		Typhoid fever	
	Week ended Nov. 12, 1932	Week ended Nov. 14, 1931	Week ended Nov. 12, 1932	Week ended Nov. 14, 1931	Week ended Nov. 12, 1932	Week ended Nov. 14, 1931	Week ended Nov. 12, 1932	Week ended Nov. 14, 1931
West South Central States:								
Arkansas.....	0	1	13	31	5	0	9	15
Louisiana.....	1	0	15	47	0	0	6	25
Oklahoma ⁴	1	0	40	53	1	1	8	23
Texas ¹	1	1	102	47	0	2	2	7
Mountain States:								
Montana.....	0	5	15	16	0	2	7	2
Idaho.....	0	0	5	3	7	0	4	3
Wyoming.....	0	0	11	6	0	0	0	0
Colorado.....	0	0	28	47	0	1	2	9
New Mexico.....	0	0	7	13	0	0	8	7
Arizona.....	0	0	6	6	0	0	1	1
Utah ²	0	0	5	7	1	0	0	0
Pacific States:								
Washington.....	1	3	39	64	4	12	0	3
Oregon.....	0	1	25	17	2	4	1	4
California.....	6	5	130	146	0	4	3	12
Total.....	52	241	3,896	4,047	81	165	285	606

¹ New York City only.

² Week ended Friday.

³ Typhus fever, week ended Nov. 12, 1932, 11 cases: 1 case in South Carolina, 6 cases in Georgia, 1 case in Alabama, and 3 cases in Texas.

⁴ Figures for 1932 are exclusive of Oklahoma City and Tulsa and for 1931 are exclusive of Tulsa only.

SUMMARY OF MONTHLY REPORTS FROM STATES

The following summary of cases reported monthly by States is published weekly and covers only those States from which reports are received during the current week.

State	Meningococcus meningitis	Diphtheria	Influenza	Malaria	Measles	Pellagra	Poliomyelitis	Scarlet fever	Smallpox	Typhoid fever
<i>September, 1932</i>										
Delaware.....		10			1		4	13	0	7
Mississippi.....	4	180	1,101	6,650	24	416	3	65	0	71
<i>October, 1932</i>										
Arizona.....		17	126		8		4	47	0	7
Delaware.....	1	15			5		2	24	0	10
Maine.....	1	12	6		3		33	88	1	21
Massachusetts.....	7	111	10		198	2	4	731	0	31
Michigan.....	5	87	42	7	259	1	14	792	1	73
New Jersey.....	6	113	63		313		47	422	0	38
North Dakota.....	2	3			104		5	24	4	17
Tennessee.....	7	490	129	397	3	11	11	406	4	133
Vermont.....		17			9		6	33	0	0
Wyoming.....		1	2	1	8		0	64	0	5

<i>September, 1932</i>		<i>October, 1932</i>	
Chicken pox:	Cases	Puerperal septicemia:	Cases
Delaware.....	3	Mississippi.....	15
Mississippi.....	96	Rabies in animals:	
Dengue:		Mississippi.....	3
Mississippi.....	4	Trachoma:	
Dysentery:		Mississippi.....	2
Mississippi (amebic).....	40	Undulant fever:	
Hookworm disease:		Delaware.....	1
Mississippi.....	204	Mississippi.....	2
Mumps:		Whooping cough:	
Mississippi.....	60	Delaware.....	6
Ophthalmia neonatorum:		Mississippi.....	260
Mississippi.....	7		
		Chicken pox:	Cases
		Arizona.....	5
		Delaware.....	19
		Maine.....	146
		Massachusetts.....	345
		Michigan.....	730
		New Jersey.....	455
		North Dakota.....	63
		Tennessee.....	25
		Vermont.....	62
		Wyoming.....	27

Dysentery:	Cases	Ophthalmia neonatorum:	Cases	Trichinosis:	Cases
Arizona	1	Maine	2	Massachusetts	2
Massachusetts	26	Massachusetts	88	New Jersey	1
Michigan	1	New Jersey	3	Tularaemia:	
New Jersey	1	Tennessee	2	Arizona	1
Tennessee	9	Paratyphoid fever:		Michigan	1
German measles:		Maine	1	New Jersey	1
Maine	8	Tennessee	3	Wyoming	2
Massachusetts	27	Psittacosis:		Typhus fever:	
New Jersey	20	North Dakota	1	Massachusetts	1
Tennessee	5	Puerperal septicemia:		Undulant fever:	
Impetigo contagiosa:		Tennessee	1	Arizona	1
North Dakota	1	Rabies in animals:		Maine	16
Tennessee	11	New Jersey	24	Massachusetts	3
Lead poisoning:		Scabies:		Michigan	3
Massachusetts	7	North Dakota	1	New Jersey	2
Lethargic encephalitis:		Septic sore throat:		Vincent's angina:	
Arizona	1	Massachusetts	10	Maine	9
Massachusetts	1	Michigan	15	Tennessee	9
Michigan	7	North Dakota	1	Vincent's infection:	
New Jersey	4	Tennessee	8	North Dakota	30
North Dakota	1	Wyoming	7	Whooping cough:	
Mumps:		Tetanus:		Arizona	5
Arizona	75	Massachusetts	1	Delaware	8
Maine	17	New Jersey	1	Maine	21
Massachusetts	216	Tennessee	2	Massachusetts	272
Michigan	201	Trachoma:		Michigan	669
New Jersey	147	Arizona	73	New Jersey	293
Tennessee	27	Massachusetts	2	North Dakota	24
Vermont	88	New Jersey	1	Tennessee	92
Wyoming	1	Tennessee	39	Vermont	30
				Wyoming	25

¹ Including 3 delayed reports.

WEEKLY REPORTS FROM CITIES

City reports for week ended November 5, 1932

State and city	Diphtheria cases	Influenza		Measles cases	Pneumonia deaths	Scarlet fever cases	Small-pox cases	Tuberculosis deaths	Typhoid fever cases	Whooping cough cases	Deaths, all causes
		Cases	Deaths								
Maine:											
Portland	1		0	0	1	0	0	2	0	3	
New Hampshire:											
Concord	0		0	0	0	0	0	0	0	0	8
Nashua	0		0	0	0	0	0	0	0	0	
Vermont:											
Barre	0		0	0	0	0	0	0	0	0	1
Burlington	0		0	0	0	0	0	0	0	0	5
Massachusetts:											
Boston	9	1	1	13	6	50	0	2	0	35	181
Fall River	0		0	0	0	5	0	2	1	2	23
Springfield	0		0	0	3	7	0	1	1	1	36
Worcester	0		0	1	3	11	0	3	0	2	45
Rhode Island:											
Pawtucket	0		0	0	1	0	0	0	0	0	22
Providence	1		0	0	4	9	0	1	0	8	67
Connecticut:											
Bridgeport	1		0	3	0	4	0	1	0	5	29
Hartford	0		0	1	1	0	0	0	0	0	26
New Haven	0		0	0	0	1	0	0	0	9	38
New York:											
Buffalo	3		0	2	15	25	0	4	1	30	125
New York	44	6	3	97	95	64	0	79	5	97	1,262
Rochester	0		0	2	3	12	0	1	0	2	67
Syracuse	0		0	5	1	13	0	2	0	5	43
New Jersey:											
Camden	3		0	1	1	6	0	3	0	9	31
Newark	2	6	0	19	3	7	0	2	0	8	80
Trenton	1		0	0	0	4	0	0	1	4	27
Pennsylvania:											
Philadelphia	9	3	0	7	22	39	0	22	4	6	378
Pittsburgh	6	1	1	2	9	42	0	3	0	11	143
Reading	2		0	13	1	3	0	0	0	0	16
Scranton	4		0	0		2	0		2	3	
Ohio:											
Cincinnati	2		0	0	13	16	0	5	0	0	125
Cleveland	8	42	0	3	14	38	0	14	2	16	163
Columbus	5	2	2	31	3	21	0	3	0	0	68
Toledo	6	5	3	4	1	25	0	3	0	6	68

City reports for week ended November 5, 1932—Continued

State and city	Diphtheria cases	Influenza		Measles cases	Pneumonia deaths	Scarlet fever cases	Small-pox cases	Tuberculosis deaths	Typhoid fever cases	Whooping cough cases	Deaths, all causes
		Cases	Deaths								
Indiana:											
Fort Wayne.....	10		0	0	1	1	0	1	0	0	24
Indianapolis.....	7		0	1	9	10	0	3	0	2	
South Bend.....	0		0	0	1	6	0	1	0	1	23
Terre Haute.....	1		0	1	1	2	0	0	0	0	22
Illinois:											
Chicago.....	20	4	1	49	38	132	0	30	1	19	593
Springfield.....	8		0	0	2	6	0	0	0	0	13
Michigan:											
Detroit.....	8		0	24	6	56	0	14	2	100	196
Flint.....	2	17	0	0	2	4	0	1	1	14	23
Grand Rapids.....	0		0	0	3	0	0	0	0	26	20
Wisconsin:											
Kenosha.....	0		0	2	0	7	0	0	0	0	5
Madison.....	0			2		3	0	0	0	0	
Milwaukee.....	4		0	4	2	22	0	6	1	23	75
Racine.....	1		0	1	0	4	0	0	0	1	7
Superior.....	0		0	1	0	0	0	0	0	0	11
Minnesota:											
Duluth.....	0		0	0	2	1	0	1	0	0	19
Minneapolis.....	3		1	6	14	8	0	1	0	5	
St. Paul.....	0		0	1	10	11	0	2	0	20	81
Iowa:											
Des Moines.....	7			0		5	0		0	0	34
Sioux City.....	1			0		0	0		0	0	
Waterloo.....	0			0		1	0		0	4	
Missouri:											
Kansas City.....	0		0	8	5	40	0	2	1	2	100
St. Joseph.....	14		0	1	3	4	0	0	0	0	10
St. Louis.....	20		0	1	8	27	0	13	2	0	200
North Dakota:											
Fargo.....	1		0	1	0	0	0	0	1	0	5
Grand Forks.....	0		0	20	0	0	0	0	0	0	
South Dakota:											
Aberdeen.....	0		0	1	0	0	0	0	0	0	
Nebraska:											
Lincoln.....	0		0	0	0	1	0	0	0	0	
Omaha.....	15		0	1	8	15	0	2	0	0	60
Kansas:											
Topeka.....	1		0	6	0	4	0	0	0	0	13
Wichita.....	1		0	0	3	6	0	0	0	0	36
Delaware:											
Wilmington.....	0		0	0	2	1	0	0	0	0	20
Maryland:											
Baltimore.....	4	1	1	1	17	27	0	9	1	13	197
Cumberland.....	0		0	0	0	3	0	0	0	0	5
Frederick.....	0		0	0	0	1	0	0	0	0	3
District of Col.:											
Washington.....	6		2	1	8	11	0	11	2	10	149
Virginia:											
Lynchburg.....	3		0	0	0	4	0	0	0	3	7
Norfolk.....	0		0	1	1	3	0	1	0	0	32
Richmond.....	5		0	1	0	13	0	3	2	0	38
Roanoke.....	3		0	0	0	2	0	0	2	0	13
West Virginia:											
Charleston.....	0		0	0	0	1	0	2	0	1	26
Huntington.....	3		0	2	0	7	0	0	0	0	
Wheeling.....	0		0	24	0	2	0	0	1	3	17
North Carolina:											
Raleigh.....	1		0	1	0	1	0	0	0	0	8
Wilmington.....	0		0	0	0	3	0	1	0	0	15
Winston-Salem.....	4	1	0	1	2	1	0	2	0	0	22
South Carolina:											
Charleston.....	1	12	0	0	0	1	0	0	0	0	17
Columbia.....											
Greenville.....	1		0	0	0	0	0	0	0	0	
Georgia:											
Atlanta.....	23	9	0	0	4	3	0	2	2	3	65
Brunswick.....	2		0	0	0	0	0	1	0	0	3
Savannah.....	2	1	0	0	3	2	0	3	0	0	35
Florida:											
Miami.....	0		0	0	0	0	0	1	0	0	19
Tampa.....	4		0	0	0	0	0	1	0	0	23
Kentucky:											
Covington.....											
Lexington.....	1		0	0	1	4	0	1	0	0	13
Louisville.....	7	2	0	0	7	11	0	1	0	0	71

City reports for week ended November 5, 1932—Continued

State and city	Influenza		Meas-les cases	Pneu-monia deaths	Scarlet fever cases	Small-pox cases	Tuber-culosis deaths	Ty-phoid fever cases	Whoop-ing cough cases	Deaths all causes
	Cases	Deaths								
Tennessee:										
Memphis.....	15	0	1	6	6	0	5	0	5	79
Nashville.....	5	2	0	4	3	0	1	0	0	46
Alabama:										
Birmingham.....	8	0	0	4	7	0	0	1	1	72
Mobile.....	2	1	0	1	0	0	2	0	0	26
Montgomery.....	4	0	0	0	0	0	0	0	0	-----
Arkansas:										
Fort Smith.....	0	-----	1	-----	1	0	-----	0	0	-----
Little Rock.....	2	0	0	2	3	0	4	0	0	6
Louisiana:										
New Orleans.....	14	0	1	16	11	0	9	1	0	154
Shreveport.....	0	0	0	3	3	0	1	0	0	33
Oklahoma:										
Muskogee.....	0	0	0	0	2	0	-----	1	0	-----
Tulsa.....	5	0	0	0	2	0	0	1	1	-----
Texas:										
Dallas.....	33	0	0	2	16	0	1	1	0	33
Fort Worth.....	8	0	0	3	16	0	2	0	0	32
Galveston.....	1	0	0	0	4	0	0	1	0	11
Houston.....	36	0	0	7	5	0	4	0	0	64
San Antonio.....	5	1	0	4	1	0	11	0	0	53
Montana:										
Billings.....	0	0	0	0	0	0	0	0	0	4
Great Falls.....	0	0	11	1	1	9	0	0	0	6
Helena.....	0	0	0	0	-----	0	0	0	0	3
Missoula.....	0	0	0	0	-----	0	0	0	0	3
Idaho:										
Boise.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Colorado:										
Denver.....	10	0	0	10	9	0	1	0	1	68
Pueblo.....	2	0	0	1	0	0	0	0	6	10
New Mexico:										
Albuquerque.....	1	1	2	0	1	3	0	5	2	10
Arizona:										
Phoenix.....	0	0	0	0	2	0	2	0	0	-----
Utah:										
Salt Lake City.....	1	1	0	3	0	0	2	0	3	26
Nevada:										
Reno.....	0	0	0	1	0	0	0	0	0	5
Washington:										
Seattle.....	0	-----	0	-----	4	0	-----	0	0	-----
Spokane.....	0	-----	3	-----	1	0	-----	0	0	-----
Tacoma.....	0	0	0	2	4	0	0	0	0	20
Oregon:										
Portland.....	0	0	0	2	12	0	2	0	0	58
Salem.....	0	2	0	-----	0	0	-----	0	0	-----
California:										
Los Angeles.....	25	139	3	12	4	28	24	0	32	273
Sacramento.....	0	0	0	2	5	0	4	1	1	32
San Francisco.....	2	7	0	3	5	0	7	0	37	147

State and city	Meningococcus meningitis		Poliomy-elitis cases	State and city	Meningococcus meningitis		Poliomy-elitis cases
	Cases	Deaths			Cases	Deaths	
Massachusetts:				District of Columbia:			
Boston.....	0	0	1	Washington.....	0	0	1
New York:				West Virginia:			
New York.....	6	3	2	Charleston.....	1	1	0
New Jersey:				South Carolina:			
Camden.....	0	0	1	Greenville.....	0	0	1
Pennsylvania:				Tennessee:			
Philadelphia.....	0	0	8	Memphis.....	1	0	1
Ohio:				Arizona:			
Cincinnati.....	0	0	1	Phoenix.....	1	0	0
Indiana:				Washington:			
Indianapolis.....	3	1	0	Seattle.....	0	0	1
Illinois:				Oregon:			
Chicago.....	4	0	1	Portland.....	0	0	1
Springfield.....	0	0	1	California:			
Maryland:				Los Angeles.....	0	0	1
Baltimore.....	2	0	1	San Francisco.....	1	0	1

Lethargic encephalitis.—Cases: Bridgeport, 1; St. Louis, 1; Fargo, 1.

Pellagra.—Cases: Raleigh, 2; Atlanta, 1.

Typhus fever.—Cases: Savannah, 4; Dallas, 1.

FOREIGN AND INSULAR

CANADA

Provinces—Communicable diseases—Week ended October 29, 1932.—
The Department of Pensions and National Health of Canada reports cases of certain communicable diseases for the week ended October 29, 1932, as follows:

Disease	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Total
Cerebrospinal meningitis				2					2
Chicken pox	8		85	238	49	10	23	36	449
Diphtheria	1	5	37	40	10	4	1		98
Erysipelas			5	2	3		1	1	12
Influenza	2							7	9
Measles		2	41	329	17		24	31	444
Mumps				66	4			5	75
Paratyphoid fever				2				1	3
Pneumonia				9		1		1	11
Polio-myelitis		2	9	5			3		19
Scarlet fever	5	29	75	75	18	14		7	238
Trachoma					2			58	60
Tuberculosis	1	1	51	30	26		5	13	127
Typhoid fever	1	11	39	9	7	5	2	1	75
Undulant fever				2					2
Whooping cough			131	74	38	5	1	27	276

Quebec Province—Communicable diseases—Four weeks ended November 5, 1932.—The Bureau of Health of the Province of Quebec, Canada, reports cases of certain communicable diseases for the four weeks ended November 5, 1932, as follows:

Disease	Week ended—				Total
	Oct. 15	Oct. 22	Oct. 29	Nov. 5	
Cerebrospinal meningitis		2			2
Chicken pox	38	27	85	60	210
Diphtheria	20	30	37	30	117
Erysipelas	4	5	5	5	19
German measles		15		2	17
Lethargic encephalitis	1				1
Measles	9	64	41	13	127
Polio-myelitis	38	36	9	6	89
Puerperal fever	2		1		3
Scarlet fever	61	63	75	50	249
Tuberculosis	62	71	51	68	252
Typhoid fever	44	46	39	15	144
Whooping cough	44	87	131	124	386

MEXICO

Tampico—Communicable diseases—October, 1932.—During the month of October, 1932, certain communicable diseases were reported in Tampico, Mexico, as follows:

Disease	Cases	Deaths	Disease	Cases	Deaths
Diphtheria.....	3	1	Paratyphoid fever.....	4	1
Enteritis.....	65	49	Tuberculosis.....	31	32
Influenza.....	65	---	Typhoid fever.....	8	1
Malaria.....	619	18	Whooping cough.....	13	---
Measles.....	1	---			

PANAMA CANAL ZONE

Communicable diseases—September, 1932.—During the month of September, 1932, certain communicable diseases, including imported cases, were reported in the Panama Canal Zone and terminal cities as follows:

Disease	Cases	Deaths	Disease	Cases	Deaths
Chicken pox.....	12	---	Mumps.....	1	---
Diphtheria.....	19	---	Pneumonia.....	---	12
Dysentery (amebic).....	2	3	Tuberculosis.....	---	28
Leprosy.....	1	1	Typhoid fever.....	2	---
Malaria.....	133	1	Whooping cough.....	5	1
Measles.....	16	1			

Place	April, 1932		May, 1932		June, 1932			July, 1932			August, 1932			September, 1932		
	1-10	11-20	1-10	11-20	1-10	11-20	21-30	1-10	11-20	21-31	1-10	11-20	21-31	1-10	11-20	21-30
Indo-China (French) (see also table above):																
Annam ¹	C	134						8								
Cambodia ¹	D	15						4								
Cochin-China ¹	D	25	18	13	16	13	11	11	5	2	6	4	4	4	4	2
Laos ¹	D	11	3	10	7	10	4	4	2	2	3	2	2	2	2	2
	C	27	41	17	17	17	16	16	10	5	2	4	5	8	8	2
	D	18	29	16	12	14	15	15	8	4	1	4	3	7	7	2
	D	7														
	D	3														
Iloilo Province.....	C										1	13	3			
Iloilo.....	D										1	8	2	1		
Laguna Province.....	D															
Leyte Province.....	D															
Manila.....	D															
Samar Province.....	C															
Siam.....	D	8														0
Bangkok.....	D	7														30
Straits Settlements: Singapore.....	D	2														22
On vessels:																
S. S. Shanghai Maru at Kobe from Shanghai.....	C	1														
S. S. President Wilson en route to Manila from Honolulu via Shanghai and Hong Kong.....	C															
S. S. Protetlus at Hong Kong from Shanghai.....	D															
S. S. Nikawa Maru at Hong Kong from Shanghai.....	D															
S. S. Arankola at Rangoon from Calcutta.....	C															
S. S. Shantung at Swatow from Shanghai.....	C	1														
S. S. Yusan at Hong Kong from Shanghai.....	C															
S. S. Taisan Maru en route Tsingtao to Moji.....	C									1						

¹ Reports incomplete.

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued

PLAGUE—Continued

Place	April, 1932	May, 1932	June, 1932	July, 1932	August, 1932	Septem-ber, 1932	Octo-ber, 1932	Place	April, 1932	May, 1932	June, 1932	July, 1932	August, 1932	Septem-ber, 1932	Octo-ber, 1932
British East Africa (see also table above): Kenya... O	18	20	39	65	30	15		Peru... Department— Lambayeque... C	2	5	2				
Ecuador: Province— Chimborazo... O	6	10	2					Lima... D			2	1	1	2	2
Loja... D				4		4		Lima... C	2	1	2				
Indo-China... D	9	2	1	2	2	2	1	Senegal: Dakar ¹ ... D				10	37		
Madagascar: Province— Ambositra... O	19		2	20	9			Louga ¹ ... D				9	28		7
Antsirabe... D	17		2	20	8			Rufisque ¹ ... D		3	1	4	1	2	
... D	21	28	10	31	48			Thies ¹ ... D		2	21	3	23	8	
... D	21	28	9	30	45			Tivouane ¹ ... D		3	17	27	21	6	
Madagascar: Province— Moramanga... D	6	6	1	1	1						3	13	16	15	
... D	6	1	3	10	6								8	11	
... D	6	1	3	9	5								16	6	
... D	4		16	16	4								13	11	
... D	4		16	16	4								13	11	
Tamatave... D			1	2	2		1							6	
Tananarive... D	42	20	13	24	35		1							7	
... D	40	20	12	24	35										

¹ Report is incomplete.

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER—Continued

SMALLPOX—Continued

[C Indicates cases; D, deaths; P, present]

Place	May 1-28, 1932	May 29-June 28, 1932	June 29-July 28, 1932	Week ended—												Nov. 5, 1932		
				July 30, 1932			August, 1932			September, 1932			October, 1932					
				6	13	20	27	3	10	17	24	1	8	15	22		29	
Sarawak.....			7															
Siam.....																		
Sierra Leone.....	1	9																
Straits Settlements.....		5		6				14			2							
Sudan (Anglo-Egyptian).....		3						1										
Syria. (See table below.).....		3						1										8
Turkey (see also table below): Istanbul.....		2																
Union of Socialist Soviet Republics. (See table below.).....		1																
Union of South Africa: Cape Province.....																		
Orange Free State.....	P	P	P															
Transvaal.....	P	P																
Upper Volta.....	11	1					1											
On vessels: S. S. Tuscania at Sues from Bombay.....	1	1																
S. S. Tlaxa at Singapore from Amoy and Hong Kong.....		1																
S. S. Marini Van Ste. Aldegonde at Port Said.....																		
S. S. Ethiopia at Rangoon from Shanghai.....		1																
S. S. Madras City at Kobe from Shanghai.....		1																
S. S. Ranput at Cochin from Colombo.....		1																

* From Mar. 6 to July 9, 1932, 878 cases of smallpox, with 13 deaths, were reported in Sierra Leone.

Rosecommon County—	March, 1932	April, 1932	May, 1932	June, 1932	July, 1932	August, 1932	September, 1932	Place	March, 1932	April, 1932	May, 1932	June, 1932	July, 1932	August, 1932	September, 1932
Leitrim.....					1										
Roscommon.....					1										
Lithuania. (See table below.)															
Mexico:															
Mexico, D. F.....					8	7	11	2	2	4	2	3	1		
Monterrey.....					2	2	3	1	2	2	3	2			
Torreon.....								1	1	6	1	1			
Morocco.....					34	19	26	1	2	4	1	5	1		
Palestine.....					1		3	1	1				1		
Persia.....					123	110	54	1	2	4	1	1	3		
Peru. (See table below.)					4		6	7	3	3	3	3	1		
Poland.....					414	380	204	11	9	7	2	6	5	18	33
Portugal:					30	25	14	1	1		1	1	1	4	8
Lisbon.....							7								
Oporto.....					10	3	4								
Rumania.....					282	234	45	3	7	6	4	5	3	2	6
Tunisia: Tunis.....					21	23	10	1	1		1	1			
Turkey. (See table below.)					77	55	28	2	3	1					
Union of Socialist Soviet Republics. (See table below.)															
Cape Province.....					P	P	P	P	P	P	P	P	P	P	P
Natal.....					P	P	P	P	P	P	P	P	P	P	P
Orange Free State.....					P	P	P	P	P	P	P	P	P	P	P
Transvaal.....					P	P	P	P	P	P	P	P	P	P	P
Yugoslavia. (See table below.)															

Place	March, 1932	April, 1932	May, 1932	June, 1932	July, 1932	August, 1932	September, 1932
Chosen: Seoul.....	4			2			
Czechoslovakia.....			5	1			
Greece.....	7	1		4	3	14	
Guatemala.....	42	5		19			
Lithuania.....	3	3	8	3	7		
D.....	32	25	13	16			
D.....	3	5	1				
Peru.....							
C.....							
C.....	6	1					
Turkey.....							
C.....							
D.....	3			4	7	1	
Union of Socialist Soviet Republics.....							
C.....							
C.....	9,705	29	7,379	7,419			
C.....	5	34	34				
D.....	1	6	6				
Yugoslavia.....							
C.....							
D.....							

